



SAP NetWeaver '04
Installation Guide

SAP[®] Partner
Connectivity Kit

For SAP Exchange Infrastructure 3.0

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| Type Style | Represents |
|---------------------|--|
| <i>Example Text</i> | Words or characters that appear on the screen. These include field names, screen titles, pushbuttons as well as menu names, paths and options. |
| | Cross-references to other documentation |
| Example text | Emphasized words or phrases in body text, titles of graphics and tables |
| EXAMPLE TEXT | Names of elements in the system. These include report names, program names, transaction codes, table names, and individual key words of a programming language, when surrounded by body text, for example, SELECT and INCLUDE. |
| Example text | Screen output. This includes file and directory names and their paths, messages, names of variables and parameters, source code as well as names of installation, upgrade and database tools. |
| Example text | Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation. |
| <Example text> | Variable user entry. Pointed brackets indicate that you replace these words and characters with appropriate entries. |
| EXAMPLE TEXT | Keys on the keyboard, for example, function keys (such as F2) or the Enter key. |

Icons

| Icon | Meaning |
|--|----------------|
|  | Caution |
|  | Example |
|  | Note |
|  | Recommendation |
|  | Syntax |

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A. SAP Partner Connectivity Kit Installation

1. Installation Considerations

You use the SAP Partner Connectivity Kit (PCK) to connect your business environment to an existing SAP Exchange Infrastructure environment.

PCK runs on a SAP Web Application Server 6.40 J2EE system and contains the necessary parts of the SAP Exchange Infrastructure component *Integration Builder*. Thus PCK allows you to send and receive messages using the SAP Exchange Infrastructure *Messaging protocol*.

For more information on the overall implementation process of *SAP Partner Connectivity Kit (PCK)*, as well as a detailed description of the SAP Exchange Infrastructure components, see the documentation *Master Guide - SAP Exchange Infrastructure 3.0* at: <http://service.sap.com/instguidesNW04>

1.1 Software Components Overview

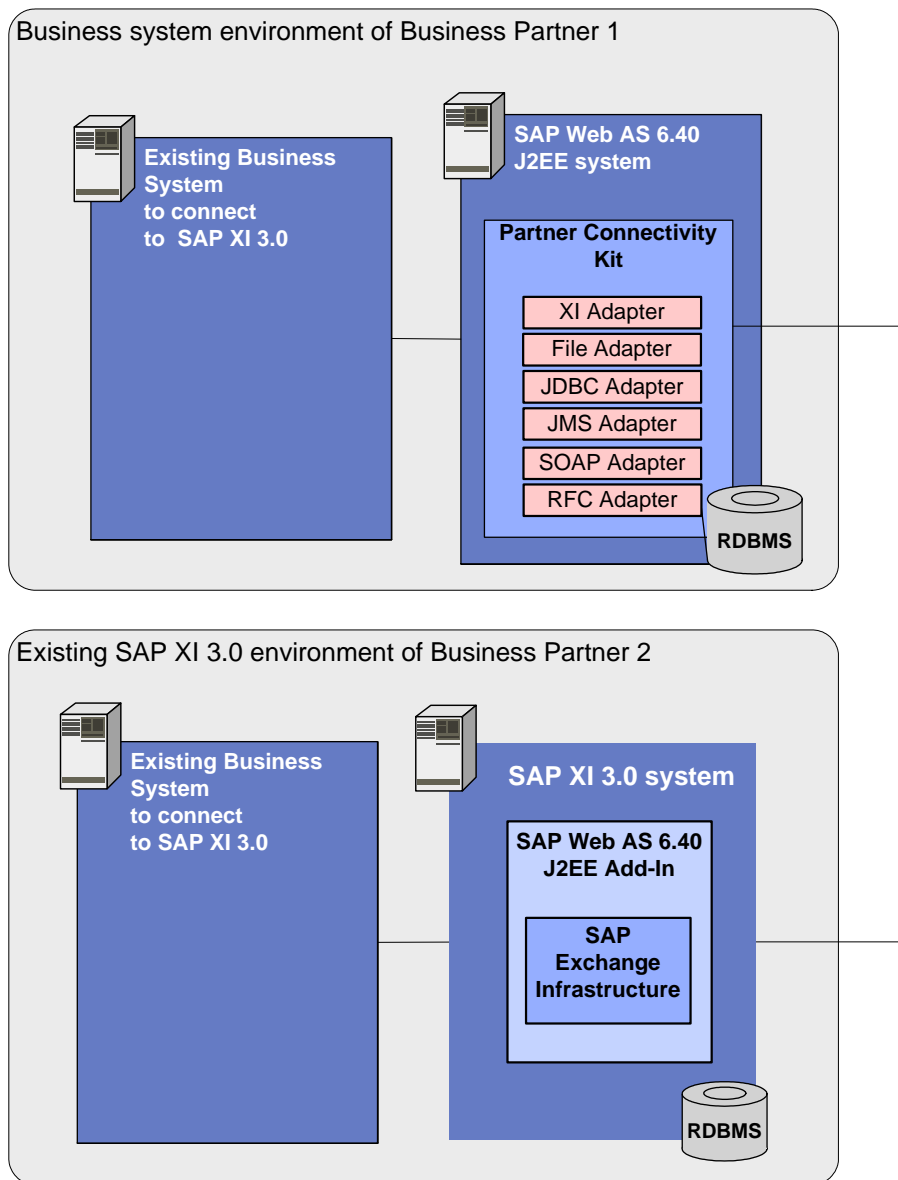
The graphic below provides an overview of the relevant software components.

The PCK uses the following functional components to connect to an SAP Exchange Infrastructure environment:

- XI Adapter
- File Adapter
- JMS Adapter
- JDBC Adapter
- SOAP Adapter
- RFC Adapter



This graphic only applies to a minimum system landscape and also does not represent the integration logic of the SAP PCK. It merely shows the components that may be installed for SAP PCK.



1.2 Implementation Considerations

You need a SAP Exchange Infrastructure 3.0 system to connect to.

B. SAP Partner Connectivity Kit Installation – Step by Step

This section provides an overview of the complete installation procedure.

You can print out the tables below, follow the installation sequence exactly as shown in the tables and mark the step with ✓ if completed successfully.

Planning

| ✓ | Action |
|---|--|
| | Check Documentation [on page 11] |

Preparation

| ✓ | Action |
|---|---|
| | Prepare the SAP Web AS J2EE system for SAP PCK [on page 11] |
| | Preparing the System for SAPInst GUI [on page 12] |
| | Preparing Required DVD [on page 12] |

Installation

| ✓ | Action |
|---|--|
| | Check the Input Parameter [on page 13] |
| | Installing with SAPInst [on page 14] |

Post Installation

| ✓ | Action |
|---|---|
| | Activating CPACache [on page 18] |
| | Installing the PCK Online Documentation [on page 18] |
| | Starting the PCK [on page 19] |
| | Applying the Latest Support Packages/Patches [on page 19] |

C. Partner Connectivity Kit Installation – How To

1. Installation Planning

Check Documentation

- Read **SAP Note 670362** *Partner Connectivity Kit Installation for SAP XI 3.0* (<http://service.sap.com/notes>)

2. Installation Preparation

Prepare the SAP Web AS J2EE system for SAP PCK

- **SAP Web AS 6.40 J2EE system is Installed**

The following installation types is necessary: **SAP Web AS 6.40 J2EE system**

The following installation options are supported:

- Central System (Central Instance and Database Instance on one host)
- Distributed System (Central Instance and Database Instance on separate hosts)
- Dialog Instances



Do not change the default password of the Software Delivery Manager (SDM) administrator, otherwise the installation runs in a deployment error.

The default password is **sdm**

For more information on installing a SAP Web AS 6.40 J2EE system, see documentation:

Installation Guide – SAP Web AS 6.40 Java on <Platform>:<Database>

(<http://service.sap.com/instguidesNW04>)



The installation of the SAP J2EE engine contains Support Package 3.

You must install SAP J2EE engine Support Package 5 (Support Package Stack 3) before installing SAP PCK.

For more information on patching the SAP J2EE engine, see documentation *Support Package Guide – SAP Web AS Java Support Packages* available at service.sap.com/instguidesNW04 → Operations

Preparing the System for SAPinst GUI

The installation tool SAPinst uses the Java based graphical user interface SAPinst GUI.



You can run the SAPinst GUI on the installation host or, if required, you can control an installation using a standalone SAPinst GUI on a separate Windows or UNIX host.

This standalone SAPinst GUI enables you to perform the installation on a remote host while monitoring it with the SAPinst GUI from a local host. If you want to do that, see [Controlling a SAPinst Installation from a Remote Machine](#) [on page 20].

Check the existence of a released Java Runtime Environment (JRE) on the host where SAPinst GUI should run:

| Platform | Required JRE for the SAPinst GUI |
|---|---|
| <ul style="list-style-type: none"> • NT IA64 • Linux-IA64 • Linux-s390x • OS390 | <p>The required JRE release is the same as the JDK release required for the SAP Web AS <release>.</p> <p>See at http://service.sap.com/platforms → <i>Availability of SAP components in Detail</i> → <i>SAP Web AS / R/3 / Kernel</i></p> <ul style="list-style-type: none"> • JRE is not part of the SAP shipment. If necessary you need to download and install it. • To check the version of an already installed JRE, enter: <code>java -version</code> If the checked version does not match the required JRE you must set the environment variable <code>SAPINST_JRE_HOME</code> to the path of the required JRE (<code>C:\jdk1.4.2</code> on Windows for example or <code>/usr/lib/java/j2sdk1.4.2</code> on UNIX for example). See your operating system documentation on how to set environment variables. |
| <ul style="list-style-type: none"> • NT I386 • HP-UX • SUN Solaris | <p>No special JRE required for SAPinst GUI, because the JRE is integrated in the SAPinst executables.</p> <p>As the JRE is temporary extracted on your host, you need at least about 40 – 80 MB free disk space for that. After the installation, SAPinst removes this JRE from your host.</p> |
| <p>Other Platforms</p> | <p>The required JRE is 1.3.0 or higher.</p> <p>JRE is not part of the SAP shipment. If necessary you need to download and install it.</p> |

Preparing Required DVD

Make sure that you have the following DVD available:


SAP NetWeaver '04 Additional Components for SAP BW, SAP MI, SAP XI, SAP KW

3. Installing SAP Partner Connectivity Kit with SAPinst

3.1 Input Parameter

To prepare for the **input phase** of the SAP Exchange Infrastructure installation on the SAP Web AS, we recommend that you write down the information that you have to enter **before** you start **SAPinst**. Having the required information ready in advance helps you avoid unnecessary delays and errors.

The following table shows the window names that appear during the installation procedure, and their prompts that are required for the installation:

| Window Name | Prompt |
|---|--|
| <i>CD Browser</i> | <p>A CD Browser may ask you for the location of the installation DVD <i>SAP NetWeaver '04 Additional Components for SAP BW, SAP MI, SAP XI, SAP KW</i></p> <p>This dialog only appears if the system wants to check or cannot find the file <code>LABEL.ASC</code> on the DVD that contains the relevant installation information.</p> <p>Enter the location of the DVD in field <i>Package Location</i> as it is named in field <i>CD Name</i>.</p> <div style="background-color: #f0f0f0; padding: 5px;"> <p> Example:</p> <p>The field <i>CD Name</i> displays the following entry: DVD <name> folder XI_PCK.</p> <p>Then you need to enter the following:</p> <p><code><drive>:\<DVD>\XI_PCK</code> (on Windows)</p> <p><code><mountpoint_<DVD>/XI_PCK</code> (on UNIX)</p> </div> <p>For more information on the CD Browser dialog, see Using the CD Browser Dialog [on page 25].</p> |
| <i>Stating SAP J2EE Engine System Parameter</i> | <p>Enter exactly the connection parameters of the SAP J2EE engine on which you install the PCK.</p> <p>You need to have the following information:</p> <ul style="list-style-type: none"> • SAP System ID (SID) • SAP J2EE administrator password. |
| <i>Stating SAP System Administrator Account</i> | <p>You need to have the password of the SAP system administrator <code><sapsid>adm</code>.</p> |
| <i>Stating Partner Connectivity Kit Account</i> | <p>In this step, SAPinst creates a special SAP Connectivity Kit user account.</p> <p>Enter the user name and the password that is to be created for that account.</p> |


3.2 Installing with SAPinst

This procedure tells you how to run SAPinst to install the SAP Exchange Infrastructure components on released platforms.

This section describes an installation where SAPinst GUI and SAPinst server are running on the same host. If you want to perform a remote installation, that is, SAPinst GUI is running on another host, see [Controlling a SAPinst Installation from a Remote Machine](#) [on page 20].

SAPinst GUI Handling

The following push buttons are available on the different SAPinst GUI dialogs (Input screens, Installation Progress screen, Message Box):

| Push Button | Meaning |
|-----------------|---|
| <i>Back</i> | Displays the previous dialog for editing |
| <i>Next</i> | Displays the next dialog for editing |
| <i>Cancel</i> | Cancels the installation with the following options: <ul style="list-style-type: none"> – <i>Stop</i> Stops the installation and leaves the installation files in the state in which they are at the current point in time. This means that you can continue the installation later from this point. – <i>Reset</i> Resets all installation input files. All files in the installation directory are removed from the system and no log files are saved. This means that you must start the installation from scratch again. |
| <i>Logoff</i> | Cancels the connection to the SAPinst GUI only. The SAPinst server keeps on running.  Typical use case: You need to logoff during the installation (for what reason ever) from the host where you control the installation with SAPinst GUI. Then you can connect from another host to the running installation. Be aware, that you need the <installation DVD> for that. For more information on running SAPinst GUI standalone see Starting SAPinst GUI on a local Host [on page 22] |
| <i>View Log</i> | Displays the content of the <i>sapinst.log</i> file during the installation. |
| <i>Retry</i> | Performs the installation step again (if an error has occurred). |
| <i>Stop</i> | Stops the installation and leaves the installation files in the state in which they are at the current point in time. This means that you can continue the installation later from this point. |
| <i>Reset</i> | Resets all installation input files. All files in the installation directory are removed from the system. No backup is available. This means that you must start the installation from the beginning again. |

Procedure

1. Log on to your installation host as user with administrator rights.
2. Depending on your operating system do the following:

- **On Windows**

- a. Insert the DVD *SAP NetWeaver '04 Additional Components for SAP BW, SAP MI, SAP XI, SAP KW* (from now on called <installation DVD>) in your DVD drive.
- b. Run **sapinst.exe** from the following path:
`<installation DVD>:\XI_PCK\SAPINST\NT\I386`



Normally, SAPinst creates the installation directory **sapinst_instdir** directly below path `<drive>:\Program Files\`
 Exception:
 If `<drive>:\Program Files\` is not accessible or write-protected, SAPinst tries to create the directory **sapinst_instdir\XI_PCK30** directly below the temporary directory (`$TEMP`). If SAPinst does not find the temporary directory, the installation terminates with the error `FCO-00057`.



SAPinst uses the port 21212 during the installation for communication with the SAPinst GUI. If one of these ports is already used by another service you must start SAPinst as follows:

```
sapinst SAPINST_DIALOG_PORT=<free_port_number>
```

- **On UNIX:**

- a. Mount The DVD *SAP NetWeaver '04 Additional Components for SAP BW, SAP MI, SAP XI, SAP KW* (from now on called <installation DVD>)



Mount the DVD locally. We do **not** recommend using Network File System (NFS).

- b. Make sure that your `DISPLAY` environment variable is set to `<Host_name>:0.0`, where `<Host_name>` is the host on which the *SAPinst GUI* will be displayed.

| Shell Used | Command |
|--------------------|---|
| Bourne Shell (bsh) | <code>DISPLAY=<Host_name>:0.0</code> <code>export DISPLAY</code> |
| C Shell (csh) | <code>./setenv DISPLAY <Host_name>:0.0</code> |
| Korn Shell (ksh) | <code>export DISPLAY=<Host_name>:0.0</code> |

- c. Enter the following commands to run the script `sapinst` from the mounted `<installation_DVD>`:

```
cd <Installation DVD>/XI_PCK/SAPINST/UNIX/<OS>
./sapinst
```



- SAPinst normally creates the installation directory `sapinst_instdir\XIPCK30` directly below the temporary directory (`$TEMP` or `$TMP` or `/tmp`). Therefore make sure that your operating system is configured not to delete the temporary directory and its subdirectories when the system is rebooted.
- You need at least 40 MB free space in your temporary directory for each installation service.
- If SAPinst does not find any temporary directory, the installation terminates with the error `FCO-00058` on UNIX.



If you want SAPinst to use any other installation directory than `sapinst_instdir` directly below the temporary directory, proceed as follows:

1. Create an installation directory of your choice for SAPinst with sufficient free space (at least 200 MB) and permissions `777`.
2. Change to this installation directory.
3. Enter the following command to run the script `sapinst` from the mounted *SAP Master CD*:

```
<Installation DVD>/XI_PCK/SAPINST/UNIX/<OS>/sapinst
```



SAPinst uses the port 21212 during the installation for communication with the SAPinst GUI. If one of these ports is already used by another service you must start SAPinst as follows:

```
./sapinst SAPINST_DIALOG_PORT=<free_port_number>
```

SAPinst GUI starts automatically by displaying the *Welcome* screen.

Now follow the instructions on your screen. Depending on the selected installation service you can check the input parameters in the section [Input Parameter for the Partner Connectivity Kit](#) [on page 13]

After you have maintained all input parameters, **SAPinst** starts the installation and displays installation progress during the processing phase. If the installation was successful, the message `The installation finished successfully` is displayed.

Troubleshooting

- If an error occurs during the **dialog phase**, SAPinst:
 - Stops the installation
 - Displays a dialog that informs you about the error

You can now directly view the log file by choosing *View Logs*.

Finally, you must abort the installation with *Stop* or *Reset*, and try to solve the problem.

- If an error occurs during the **processing phase**, SAPinst:
 - Stops the installation
 - Displays a dialog that informs you about the error

You can now:

- Directly view the log file by choosing *View Logs*.
- Try to solve the problem.

For more information, see the *SAPInst Troubleshooting Guide* in the *SAP Service Marketplace* at the Internet address

`service.sap.com/sapinstfeedback`

- Continue the installation by choosing *Retry*.
- *Stop* or *Reset* the installation.

For more information, see [Continuing an Interrupted Installation with SAPInst](#) [on page 20].

4. Post Installation Steps

Activating CPACache

1. On your PCK host, start the SAP J2EE Engine administration tool.
If you do not know how to start, see section [How to start the SAP J2EE Administration Tool](#) [on page 26].
2. Choose *Cluster* → *Server* → *Services* → *CPACache*
3. In the *Properties* tab, change the following
 - Value for the parameter *cacheType* to value **PCK**
 - Value of property *SLDAccess* to value **false**
4. Choose *Update*.
5. Restart the service *CPACache* as follows:
 - a. From the toolbar choose *Save Properties*.
 - b. On the dialog box *Restart CPACache Service*, choose *Yes*.

Installing the PCK Online Documentation

You must have the *<installation_DVD>* available.

1. Copy the directory *<installation_DVD>/XI_PCK/DOCU/* to your file system (*D:\pckdocu*, for example)
2. Apply the path to the documentation on your file system by maintaining file *usr\sap\J2EJC00\j2ee\cluster\server<x>\aii.properties* as follows:

Enter the following at the end of the file

```
### Docu
com.sap.aii.docu.url = <Path_to_the_documentation>
com.sap.aii.docu.languages = <Your_Language> (EN, for example)
```

where *<Path_to_the_documentation>* is the root where the installed HTML files are accessible by a web browser (*file://D:\pckdocu*, for example).

The value to be entered in *<Your_Language>* depends on the language versions that come with your *<installation_DVD>* (open the *DOCU* folder to see the language versions).



Example:

If you have installed the English and German version you have to enter the following: **EN,DE**.

If there is no installed documentation for the current logon language, the first language code in the list is used as default.

Starting the PCK

On your PCK host, enter the following URL in your Web browser:

http://<PCK_host>:<J2EE_port>/pck/start

where <PCK_host> is the host name on which you installed the PCK and <J2EE_port> is the *HTTP port* of the SAP J2EE engine with the following naming convention:

5<J2EE_instance_number>00 (50000, for example, if your J2EE instance is 00).

Starting the PCK GUI on a Client

To start the PCK GUI on a client you need the Java™ Web Start 1.4.2 installed on that client. For more information on how to install and configure Java™ Web Start 1.4.2, choose *Client Installation Guidelines* on the PCK start page.

To start the PCK GUI, choose *PCK* on the PCK start page.

If you start the PCK GUI for the first time on the client, the software packages are prepared for the download to the client. After a few moments (depending on the hardware of your J2EE host) you may use the same link again to launch the PCK UI.

Applying the Latest Support Packages/Patches

You must apply at least the following minimum requirements for the SAP PCK according to documentation *SAP NetWeaver '04 Support Package Guide – SAP NetWeaver Support Package Stack 01* (<http://service.sap.com/instguidesNW04>):

- SAP J2EE 630 SP4 or higher
- XI Partner Connectivity Kit 3.0 SP1

D. Appendix

1. SAPinst - Installation Tool-specific Information

1.1 Controlling a SAPinst Installation from a Remote Machine

Purpose

You can run the SAPinst GUI in standalone mode to perform a remote installation.

This enables you to install an SAP system on another host (the remote host) while monitoring the installation with the SAPinst GUI on your local Windows or UNIX computer (the local host).

Prerequisites

- Make sure that you have performed the preparation activities for your local host (SAPinst GUI host) and your remote host.

For more information, see “Installation Preparations” in this documentation.

- Both computers are on the LAN and can ping each other.

To test this:

- Log on to your remote host and enter the command `ping <local host>`.
- Log on to the local host and enter the command `ping <remote host>`.

Process Flow

1. [Starting SAPinst on the Remote Host](#) [on page 21]
2. [Starting SAPinst GUI on the Local Host](#) [on page 22]

Starting SAPinst on the Remote Host

Use

You use this procedure to set up your **remote** host where SAPinst server should run only. The remote host is the host where you want to install the SAP system.

Procedure


1. Log on to your installation host as user with administrator rights.
2. Depending on your operating system do the following:

- **On Windows**

- a. Insert the <installation DVD> in your DVD drive.
- b. Open a command prompt and run the following command:
 <installation DVD>:
`\XI_PCK\SAPINST\NT\I386\sapinst.exe SAPINST_START_GUI=false`

- **On UNIX:**

- a. Mount the <installation DVD>.

 Mount the CD locally. We do **not** recommend using Network File System (NFS).

- b. Make sure that your DISPLAY environment variable is set to <Host_name>:0.0, where <Host_name> is the host on which the *SAPinst GUI* will be displayed.

| Shell Used | Command |
|--------------------|---|
| Bourne Shell (bsh) | DISPLAY=<Host_name>:0.0 export DISPLAY |
| C Shell (csh) | ./setenv DISPLAY <Host_name>:0.0 |
| Korn Shell (ksh) | export DISPLAY=<Host_name>:0.0 |

- c. Run the following commands:
`cd <installation_DVD>/XI_PCK/SAPINST/UNIX/<OS>/`
`./sapinst SAPINST_START_GUI=false`

SAPinst now starts and waits for the connection to the SAPinst GUI. That is, you see the following at the command prompt:

```
guiengine: no GUI connected; waiting for a connection on host
<host_name>, port <port_number> to continue with the installation
```

3. Start the SAPinst GUI on your local host, as described in [Starting SAPinst GUI on the Local Host](#) [on page 22]

Starting SAPinst GUI on the Local Host

Use

You use this procedure to set up your **local** host when you want to run SAPinst GUI standalone on your local host.

Typical examples for running or starting SAPinst GUI only are:

- Controlling a SAPinst installation from an other host
- Connecting a SAPinst GUI after choosing the push button *Logoff* during the installation.

Procedure

1. Log on to your installation host as user with administrator rights.
2. Depending on your operating system do the following:
 - **On Windows**
 - a. Insert the <installation DVD> in your DVD drive.
 - b. Run **startinstgui.bat** from the following path: <installation DVD>:\XI_PCK\SAPINST\NT\I386

- **On UNIX:**

- a. Mount the <installation DVD>.

Mount the CD locally. We do **not** recommend using Network File System (NFS).

- b. Make sure that your DISPLAY environment variable is set to <Host_name>:0.0, where <Host_name> is the host on which the *SAPinst GUI* will be displayed.

| Shell Used | Command |
|--------------------|---|
| Bourne Shell (bsh) | DISPLAY=<Host_name>:0.0 export DISPLAY |
| C Shell (csh) | ./setenv DISPLAY <Host_name>:0.0 |
| Korn Shell (ksh) | export DISPLAY=<Host_name>:0.0 |

- c. Run the the following commands:

```
cd <Installation DVD>/XI_PCK/SAPINST/UNIX/<OS>
./startInstGui.sh
```

The SAP Installation GUI Connection dialog appears.

3. Enter the host name of the *Installation Host* and the same *Port* as SAPinst uses on the remote host and choose OK.

SAPinst GUI now connects to the SAPinst server and the first dialog of the installation appears.

1.2 Continuing an Interrupted Installation

Use

SAPinst does not abort the installation in error situations. Therefore, you can continue an interrupted installation when you have:

- **Not** canceled the installation


That is, the error dialog box is still displayed and SAPinst is waiting for your input. You proceed as follows:

In the error dialog box, you choose *Retry*.

SAPinst now retries the installation step.

- **Already** canceled the installation

That is, the installation was aborted. There are the following situations:

| If you have canceled with... | Meaning |
|------------------------------|---|
| Stop | <p>Since SAPinst records the installation progress in the <code>keydb.xml</code> file, you can continue the installation from the failed step without repeating previous steps.</p> <p>During this procedure, you can <i>Reset</i> the installation, too, if required.</p> |
| Reset | <p>You must restart from the beginning, that is, with the default <code>keydb.xml</code> file as delivered.</p>  <p>In some cases, you must uninstall already installed components, before repeating the installation from the beginning. For example, this applies to an SAP system installation. For more information, see the description on how to de-install a component in the corresponding installation guide.</p> |

Prerequisites

You have solved the problem that caused the error situation.

Procedure

1. Log on to your installation host as user with administrator rights.
2. Depending on your operating system do the following:
 - **On Windows**
 - a. Insert the <installation DVD> in your DVD drive.
 - b. Run `sapinst.exe` from the following path: <installation DVD>:\XI_PCK\SAPINST\NT\I386
 - **On UNIX:**
 - a. Mount the <installation DVD>.

Mount the CD locally. We do **not** recommend using Network File System (NFS).

- b. Make sure that your DISPLAY environment variable is set to <Host_name>:0.0, where <Host_name> is the host on which the SAPinst GUI will be displayed.

| Shell Used | Command |
|--------------------|---|
| Bourne Shell (bsh) | DISPLAY=<Host_name>:0.0 export DISPLAY |
| C Shell (csh) | ./setenv DISPLAY <Host_name>:0.0 |
| Korn Shell (ksh) | export DISPLAY=<Host_name>:0.0 |

- d. Run the the following commands:

```
cd <Installation DVD>/XI_PCK/SAPINST/UNIX/<OS>
./sapinst
```

- 4. From the tree structure in the Welcome screen, select the installation service that you want to continue and choose Next.

If there is only one component to install, SAPinst directly displays the dialog *What do you want to do?* without presenting the *Welcome* screen.

The *What do you want to do?* screen appears.

- 5. In the *What do you want to do?* screen, decide between the following alternatives and choose OK.

| Alternative | Behavior |
|----------------------------------|--|
| <i>Run a new Installation</i> | The installation will not be continued . Instead, SAPinst deletes the mentioned installation directory for the chosen installation service and starts the installation from the beginning. The log files from the old installation are put into a backup directory with the following naming convention: <log_day_month_year_hours_minutes_seconds > (log_01_Oct_2003_13_47_56, for example). |
| <i>Continue old installation</i> | The installation of the mentioned installation service will be continued from the point of failure. |

1.3 Using the CD Browser Dialog

During the installation procedure SAPinst **first checks** and **finally verifies** the availability and location of the required installation DVD. SAPinst does this by displaying a *CD Browser* dialog, asking for the file LABEL.ASC that contains the information of the software package to be installed.

SAPinst displays the CD Browser dialog in the following situations:

- SAPinst wants to check the availability of the software package.

You can recognize this situation by the flag *Check Location* displayed in the *CD Browser* window. Choose one of the following actions:

| Action | Result |
|--|---|
| Do not enter any <i>Package Location</i> and leave the flag <i>Check Location</i> deselected. | SAPinst skips the check and you can continue the installation procedure. However, SAPinst asks later for the missing LABEL.ASC (see final bullet point below). |
| Enter the path of the <i>Package Location</i> and leave the flag <i>Check Location</i> deselected. | SAPinst skips checking the label location, but your entered package locations are used later for the installation. SAPinst only asks again for a missing LABEL.ASC if the package location is incorrect (see final bullet point below). |
| Enter the path of the <i>Package Location</i> and select the flag <i>Check Location</i> | SAPinst checks the label location and displays an error message if the location is incorrect. If all locations are correct, SAPinst does not ask again for the LABEL.ASC files. |

- SAPinst cannot find the correct LABEL.ASC but needs the location of the software to process the installation now.

You can recognize this situation because *Check Location* in the *CD Browser* window is empty. You now have to enter the path to the correct LABEL.ASC. Otherwise, the installation cannot continue.

Additionally, you can copy the installation package by entering a location in the column *Copy Package to*.

2. SAP J2EE Engine Specific Information

2.1 How to start the SAP J2EE Administration Tool

1. Start the tool
 - On Windows:
Run `\usr\sap\<SAPSID>\JC<xx>\j2ee\admin\go.bat`
 - On UNIX:
Run `/usr/sap/<SAPSID>/JC<xx>/j2ee/admin/go.bat`

The *SAP J2EE Engine – Administration* screen with the dialog box *Connect to SAP J2EE Engine* appears.

2. Choose *Connect* to use the *Default* login and enter the the password for the *Administrator* user of the SAP J2EE engine

2.2 Starting and Stopping the SAP J2EE Engine

You start / stop the SAP J2EE engine as follows:

- On Windows:
Use the SAP Management Console (*Start* → *Programs* → *SAP Management Console*)
- On UNIX:
Run `startsap / stopsap` from `usr/sap/<SAPSID>/JCxx/exe`



The command `stopsap` shutdowns the database, the enqueue and message server, and the J2EE engine.

Before running the command `startsap`, you must make sure that the database is running. The command `startsap` does not start the database.

Check if the engine is up&running by entering the following URL in your browser
`http://<hostname>:5<instance_number>00` -> The J2EE homepage should appear.